

Converting Colors

XYZ(34.2718, 33.1757, 33.0916)

Have a look what the booklet for
XYZ(34.2718, 33.1757, 33.0916)
contains.

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Color

**XYZ(34.2357, 33.2127,
33.0401)**

Conversions

Conversions Part 1

Format	Color
Hex	B09695
RGB	176, 150, 149
RGB Percent	69%, 59%, 58%
CMY	0.3098, 0.4117, 0.4157
CMYK	0.00, 0.15, 0.15, 0.31
HSL	2°, 15%, 64%
HSV	2°, 15%, 69%
XYZ	34.2357, 33.2127, 33.0401
YIQ	157.6600, 15.8170, 5.2010

Conversions

Conversions Part 2

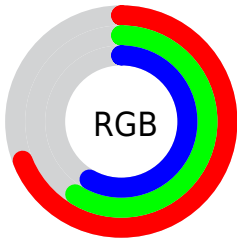
Format	Color
R_{YB}	176, 150, 149
Decimal	11572885
CIE _{Lab}	64.33, 9.49, 4.11
CIE _{LCh}	64, 10.343, 23.399
Yxy	33.2127, 0.3407, 0.3305
Android (android.graphics.Color)	4289762965 (0xFFB09695)
YUV	157.6600, -4.2694, 16.0842
Hunter-Lab	57.6305, 5.1856, 6.3498

Details

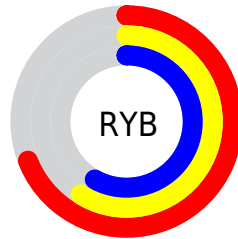
The XYZ color **34.2357, 33.2127, 33.0401** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.5608, 40.1835, 46.9567**, and the grayscale version is **32.3599, 34.0451, 37.0751**.

A 20% lighter version of the original color is **65.6511, 64.6533, 65.5191**, and **14.8348, 14.0165, 13.4788** is the 20% darker color. If you saturate the color by 10%, you get **30.4241, 27.6707, 25.3530**, and if you desaturate by 10%, it is **38.6526, 39.6248, 41.9774**.

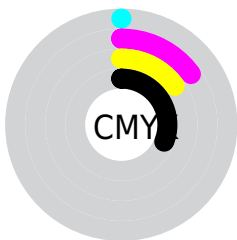
Distribution



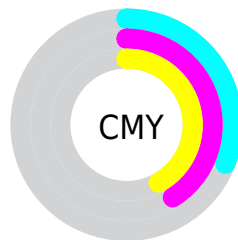
- Red (69%)
- Green (59%)
- Blue (58%)



- Red (69%)
- Yellow (59%)
- Blue (58%)



- Cyan (0%)
- Magenta (15%)
- Yellow (15%)
- Black (31%)





- Cyan (31%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2357, 33.2127, 33.0401 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 34.2357, 33.2127, 33.0401 by changing the saturation by 10% instead.


 34.2357, 33.2127,
33.0401


 34.2357, 33.2127,
33.0401


312.7492,
316.6071, 330.4679

 23.2385, 22.2894,
21.8858


 65.6419, 64.7075,
65.5549

 14.8914, 14.0697,
13.5755


 86.7816, 86.0478,
87.7524

 8.8290, 8.1692,
7.6907


112.0328,
111.6292, 114.4681

 4.6860, 4.2034,
3.8127

141.7609,
141.8361, 146.1205

 2.0971, 1.7880,
1.5232

176.3312,
177.0530, 183.1282

 0.6876, 0.4797,
0.2351

216.1091,

 0.0000, 0.0000,

217.6642, 225.9096

0.0000

261.4600,
264.0541, 274.8833

■ 34.2357, 33.2127,
33.0401

■ 34.2357, 33.2127,
33.0401

■ 30.4241, 27.6707,
25.3530

■ 38.6526, 39.6248,
41.9774

■ 27.1889, 22.9571,
18.8584

■ 43.6966, 46.9375,
52.2150

■ 24.5028, 19.0335,
13.4973

■ 49.3920, 55.1853,
63.8026

■ 22.3353, 15.8566,
9.2046

■ 55.7607, 64.3995,
76.7868

■ 20.6530, 13.3791,
5.9089

■ 62.8237, 74.6102,
91.2121

■ 19.4185, 11.5483,
3.5298

■ 70.6013, 85.8459,
107.1208

■ 18.5889, 10.3038,
1.9747

■ 71.7147, 87.9702,
107.8079

■ 18.1126, 9.5740,
1.1288

■ 17.9757, 9.3721,
0.8616

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.4620, 33.2127, 37.1024



34.2357, 33.2127, 33.0401



33.2846, 33.2127, 30.0411

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.2357, 33.2127, 33.0401



29.3507, 33.2127, 31.5444



31.2436, 33.2127, 44.8226

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



34.2357, 33.2127, 33.0401



35.5608, 40.1835, 46.9567

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



29.9109, 33.2127, 43.0647



34.2357, 33.2127, 33.0401



28.8402, 33.2127, 35.2396

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34.2357, 33.2127, 33.0401



30.4575, 33.2127, 29.2256



29.0420, 33.2127, 39.4767



32.7045, 33.2127, 44.1195

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.2357, 33.2127, 33.0401



32.3828, 33.2127, 28.9415



29.0420, 33.2127, 39.4767



30.7663, 33.2127, 44.4957

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



34.2366, 33.2142, 33.0408



70.3196, 72.1808, 76.5729



36.4001, 33.8246, 45.2197



15.1123, 15.4584, 16.3370



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.2366, 33.2142, 33.0408



59.9243, 57.0871, 55.5450



36.4981, 37.7372, 33.7946



8.5208, 8.5542, 8.8546



13.1986, 6.8957, 0.6354



0.4236, 0.2336, 0.0228

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



35.5608, 40.1835, 46.9567



62.7326, 71.8685, 85.0609



33.0814, 35.2246, 46.1302



8.7151, 9.5763, 10.8954



16.2328, 23.2660, 33.7722



0.5191, 0.7487, 1.0654

Previews

White Background



This preview shows how the XYZ color 34.2357, 33.2127, 33.0401 looks on a white background.

Color Contrast Check

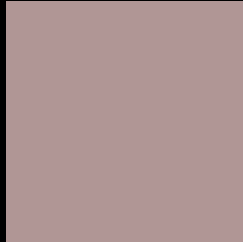
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 34.2357, 33.2127, 33.0401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.2357, 33.2127, 33.0401

Background



This preview shows how black text looks on a background with the XYZ color 34.2357, 33.2127, 33.0401.



This preview shows how white text looks on a background with the XYZ color 34.2357, 33.2127,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

34.2357, 33.2127, 33.0401

Protanopia

31.8860, 33.1833, 34.4302

Deuteranopia

33.9470, 33.3018, 33.0725



Tritanopia

35.0665, 33.0650, 37.7917

Trichromacy



Original Color

34.2357, 33.2127, 33.0401

Protanomaly

32.7030, 33.1238, 33.9481

Deuteranomaly

34.1706, 33.4171, 33.0829

Tritanomaly

34.8797, 33.2423, 36.0305

Monochromacy



Original Color

34.2357, 33.2127, 33.0401

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.1548, 33.8086, 35.7886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2357, 33.2127, 33.0401 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(176, 150, 149)` looks like.

```
.text, #text, p{  
    color:rgb(176, 150, 149)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(176, 150, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 150, 149) }
```

Border

The CSS property to change the border of an element to XYZ 34.2357, 33.2127, 33.0401 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 150, 149) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(176, 150, 149) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(176, 150, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 150, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 150, 149);  
box-shadow:4px 4px 4px 4px rgb(176, 150,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2357, 33.2127, 33.0401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 150, 149) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(176,  
150, 149) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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